

## About the Data

9



#### 8

### 905 Images

**\begin{align\*}** 

668 used for Training 237 reserved for Testing



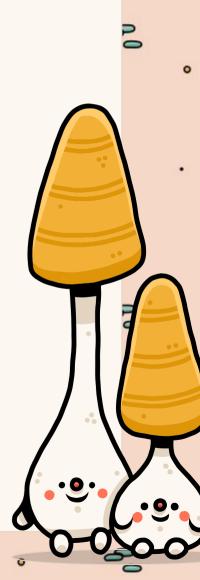




# Pre Processing Data

Categorized data into Edible and Poisonous

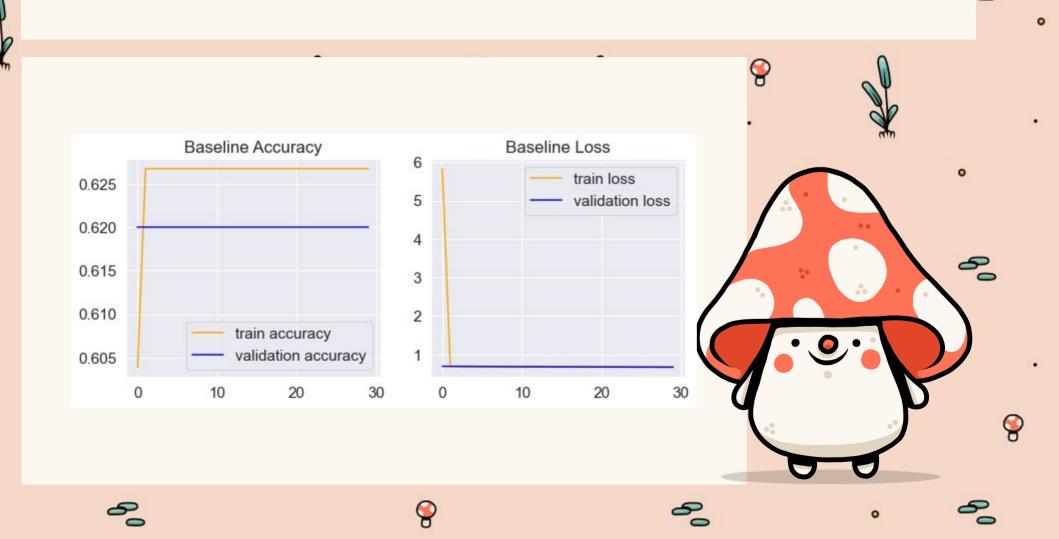
All Images resized to the same scale





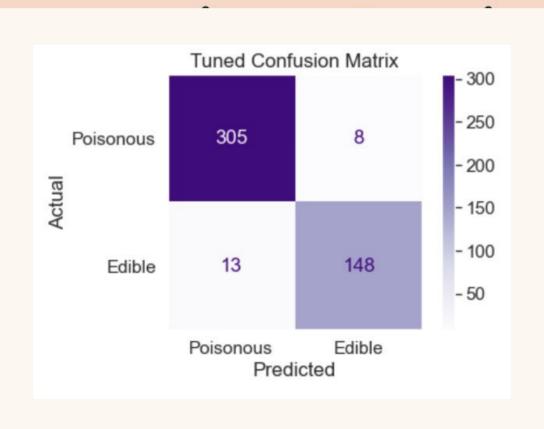


# Baseline Model





# Final Model





## Conclusions





62% Precision

Misclassifying 90 Total Poisonous Images.



### Transfer **Learning**

Using VGG16 and SGD Optimizer



Final Precision

91.9% Precision

Misclassifying 8 Total Poisonous Images.



